

METHOD AND APPARATUS FOR PROVIDING COMPLEX
TISSUE STIMULATION PATTERNS

ABSTRACT

5 The invention relates to a stimulation device for creating complex or multi-purpose tissue stimulation. Many typical stimulation devices suffer from deficiencies in providing complex stimulation patterns. Using a circuitry operable or programmable to repeat and skip stimulation settings, a complex 10 stimulation set may be created. The repeating and skipping functionality may be implemented in hardware or software. In this manner, complex stimulations may be derived from simple circuitries. Furthermore, these stimulations may be used to treat pain, stimulate bone growth, and control motor disorders, 15 among others.